Project Proposal for Task Manager App

App development framework assignment
AMDT 2846
Sangeeth Nipun

Introduction

Task Manager App is designed to streamline task organization and improve productivity. With an intuitive interface and essential features, it simplifies task management for users.

Goals

- Create a user-friendly and efficient Task Manager App that allows individuals to manage their tasks seamlessly

Objectives

- Providing a simple interface for task addition, deletion, and management, ensuring cross-platform compatibility, and delivering a reliable and responsive application

Target Audience

- Professionals, students, and anyone seeking an easy-to-use solution for organizing daily tasks
- Individuals who require a streamlined approach to manage their workload effectively

Proposed Solution

The proposed solution is to develop a mobile application using React Native, leveraging its cross-platform capabilities to ensure compatibility with both iOS and Android devices. The app will allow users to add, delete, and mark tasks as completed, providing a user-friendly and efficient task management experience.

Expected Results

The Task Manager App is expected to provide users with a simple yet robust platform to manage their tasks effectively. It aims to enhance productivity by offering a convenient and organized approach to handling daily tasks.

Key Design Considerations

- Intuitive user interface for easy task management
- Responsive design for seamless usability across various devices
- Efficient task organization and categorization features
- Secure data storage and user privacy

Technologies to Be Used

- React Native
- Expo Snack

Justification of the Selected App Development Framework

React Native was chosen due to its several technical and design features

Cross-platform Compatibility - Allows development for both iOS and Android platforms from a single codebase

Reusable Components - Utilizes a component-based structure for building user interfaces

Native Performance - Provides near-native performance by leveraging native components.

Project Plan (Assume base)

Milestones
- Project Kickoff and Planning (Week 1)
- Core Feature Development Completion (Week 5)
- Testing and Bug Fixes (Week 6-7)
- UI/UX Refinement (Week 8)
- Final Testing and Deployment (Week 10-12)

Timeline (Assume base)

- Week 1-2 - Planning and Requirement Analysis
- Week 3-5 - Development of Core Features
- Week 6-7 - Testing and Bug Fixes
- Week 8-9 - UI/UX Refinement and Optimization
- Week 10-12 - Final Testing, Deployment, and Documentation